

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------------|------------------|---------|------------------|
| L10 | 4 | ("5444207" "5660744" "6014943" "6190495").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/01/07 15:41 |
| L63 | 1 | ("6014943").PN. | USPAT; USOCR | OR | OFF | 2008/01/07 14:34 |
| L64 | 1 | ("2000173800").PN. | JPO | OR | OFF | 2008/01/07 14:36 |
| L65 | 0 | "09185141" | USPAT | OR | OFF | 2008/01/07 14:36 |
| L66 | 1 | "09185141" | JPO | OR | OFF | 2008/01/07 14:59 |
| L67 | 1 | "09186141" | JPO | OR | OFF | 2008/01/07 14:59 |
| L68 | 1 | ("6196155").PN. | USPAT; USOCR | OR | OFF | 2008/01/07 15:41 |
| S1 | 133 | (156/345.46).CCLS. | USPAT | OR | OFF | 2007/12/17 16:57 |
| S2 | 124 | S1 and (rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) | USPAT | OR | OFF | 2007/12/30 20:50 |
| S3 | 104 | S1 and ((rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) same magnet\$3) | USPAT | OR | ON | 2005/03/03 18:16 |
| S4 | 95 | S1 and ((rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) with magnet\$3) | USPAT | OR | ON | 2005/03/03 18:16 |
| S5 | 3 | ("4950956" "5880034" "6245190").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 19:03 |
| S6 | 4 | ("5444207" "5660744" "6014943" "6190495").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 19:05 |
| S7 | 7 | ("4740268" "4919783" "5292395" "5401351" "5431769" "5554223" "5556501").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 19:07 |
| S8 | 3 | ("4897285" "5824607" "5961773").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 19:09 |
| S9 | 3 | ("5444207" "5519373" "5659276").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 19:11 |
| S10 | 3 | ("5444207" "5519373" "5717294").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 19:20 |
| S11 | 38 | S1 not S4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/03 19:20 |

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|-----|--------|--|-----------------|----|-----|------------------|
| S12 | 6 | ((("6190495") or ("5980687") or ("4842683") or ("5717294") or ("6014943") or ("6196155")).PN. | USPAT | OR | OFF | 2005/03/04 12:13 |
| S13 | 1 | ("6196155").PN. | DERWENT | OR | OFF | 2005/03/04 12:11 |
| S14 | 1 | 2000-100557.NRAN. | DERWENT | OR | OFF | 2005/03/04 12:11 |
| S15 | 840081 | h01I021\$.ipc. c23c016\$.ipc. | JPO; DERWENT | OR | OFF | 2005/03/04 15:52 |
| S16 | 153448 | S15 and (electrode cathode anode) | JPO; DERWENT | OR | ON | 2005/03/04 15:52 |
| S17 | 3591 | S16 and magnet\$2 | JPO; DERWENT | OR | ON | 2005/03/04 15:52 |
| S18 | 603 | S16 and ((rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) with magnet\$2) | JPO; DERWENT | OR | ON | 2007/12/30 20:55 |
| S19 | 419 | S16 and ((rotat\$4 revolv\$3 revolution mov\$3 spin\$4) with magnet\$2) | JPO; DERWENT | OR | ON | 2005/03/04 15:53 |
| S20 | 256 | S16 and ((rotat\$4 revolv\$3 revolution spin\$4) with magnet\$2) | JPO; DERWENT | OR | ON | 2005/03/04 16:58 |
| S22 | 840081 | h01I021\$.ipc. c23c016\$.ipc. | JPO; DERWENT | OR | OFF | 2005/03/04 16:59 |
| S23 | 153448 | S22 and (electrode cathode anode) | JPO; DERWENT | OR | ON | 2005/03/04 16:59 |
| S24 | 419 | S23 and ((rotat\$4 revolv\$3 revolution mov\$3 spin\$4) with magnet\$2) | JPO; DERWENT | OR | ON | 2005/03/04 16:59 |
| S25 | 256 | S23 and ((rotat\$4 revolv\$3 revolution spin\$4) with magnet\$2) | JPO; DERWENT | OR | ON | 2005/03/04 16:59 |
| S26 | 163 | S24 not S25 | JPO; DERWENT | OR | ON | 2005/03/04 17:25 |
| S27 | 603 | S23 and ((rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) with magnet\$2) | JPO; DERWENT | OR | ON | 2005/03/04 18:05 |
| S28 | 184 | S27 not S24 | JPO; DERWENT | OR | ON | 2005/03/04 18:04 |
| S29 | 476 | ((156/345.43) or (156/345.44) or (156/345.45) or (156/345.47)).CCLS. | USPAT | OR | OFF | 2005/03/04 18:05 |
| S30 | 58 | S29 and ((rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) with magnet\$2) | USPAT | OR | ON | 2005/03/04 18:49 |
| S31 | 133 | (156/345.46).CCLS. | USPAT | OR | OFF | 2005/03/04 18:06 |

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|-----|------|--|---------|----|-----|------------------|
| S32 | 46 | S30 not S31 | USPAT | OR | ON | 2005/03/04 18:06 |
| S33 | 165 | 118/723e.ccls. and ((rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) with magnet\$2) | USPAT | OR | ON | 2005/03/04 18:34 |
| S34 | 125 | S33 not S31 | USPAT | OR | ON | 2005/03/04 18:10 |
| S35 | 102 | S34 not S30 | USPAT | OR | ON | 2005/03/04 18:10 |
| S36 | 146 | 315/111.21.ccls. and ((rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) with magnet\$2) | USPAT | OR | ON | 2005/03/04 18:17 |
| S37 | 134 | S36 not S33 | USPAT | OR | ON | 2005/03/04 18:17 |
| S38 | 130 | S37 not S30 | USPAT | OR | ON | 2005/03/04 18:17 |
| S39 | 129 | S38 not S31 | USPAT | OR | ON | 2005/03/04 18:24 |
| S40 | 144 | 118/723ma.ccls. | USPAT | OR | ON | 2005/03/04 18:24 |
| S41 | 113 | S40 not S31 | USPAT | OR | ON | 2005/03/04 18:50 |
| S42 | 106 | S41 not S36 | USPAT | OR | ON | 2005/03/04 18:50 |
| S43 | 103 | S42 not S33 | USPAT | OR | ON | 2005/03/04 18:50 |
| S44 | 103 | S43 not S30 | USPAT | OR | ON | 2005/03/04 18:50 |
| S45 | 5259 | 118/723\$.ccls. 156/345\$.ccls. | USPAT | OR | ON | 2006/07/21 22:01 |
| S48 | 28 | S45 and ((pivot\$3 tilt\$3 slant\$3) with magnet\$2) | USPAT | OR | ON | 2005/03/04 18:37 |
| S49 | 47 | S45 and ((pivot\$3 tilt\$3 slant\$3 inclin\$5) with magnet\$2) | USPAT | OR | ON | 2005/03/04 18:42 |
| S50 | 19 | S49 not S48 | USPAT | OR | ON | 2005/03/04 18:42 |
| S51 | 712 | S45 and ((rotat\$4 revolv\$3 revolution mov\$3 vertical up down elevat\$3 spin\$4 lift\$3) with magnet\$2) | USPAT | OR | ON | 2005/03/04 18:49 |
| S53 | 618 | S51 not S31 | USPAT | OR | ON | 2005/03/04 18:50 |
| S54 | 574 | S53 not S36 | USPAT | OR | ON | 2005/03/04 18:50 |
| S55 | 461 | S54 not S33 | USPAT | OR | ON | 2005/03/04 18:50 |
| S56 | 442 | S55 not S30 | USPAT | OR | ON | 2005/03/04 18:51 |
| S57 | 393 | S56 not S40 | USPAT | OR | ON | 2005/03/04 18:57 |
| S58 | 1 | ("5874012").PN. | USPAT | OR | OFF | 2005/03/04 18:57 |
| S59 | 133 | (156/345.46).CCLS. | USPAT | OR | OFF | 2005/03/05 13:47 |
| S60 | 3 | S59 and (multi with pole with magnet\$2) | USPAT | OR | ON | 2005/03/05 13:59 |
| S63 | 1 | ("6514377").PN. | DERWENT | OR | OFF | 2005/03/05 13:57 |
| S64 | 1 | 2001-312556.NRAN. | DERWENT | OR | OFF | 2005/03/05 13:57 |
| S65 | 5259 | 118/723\$.ccls. 156/345\$.ccls. | USPAT | OR | ON | 2005/03/05 13:59 |

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| S66 | 30 | S65 and (mult\$3i with pole with magnet\$2) | USPAT | OR | ON | 2005/03/05 14:07 |
| S68 | 40 | S65 and (multi\$3 with pole with magnet\$2) | USPAT | OR | ON | 2005/03/05 14:07 |
| S69 | 10 | S68 not S66 | USPAT | OR | ON | 2005/03/05 14:15 |
| S70 | 1 | ("6171438").PN. | DERWENT | OR | OFF | 2005/03/05 14:19 |
| S71 | 1 | 1996-414702.NRAN. | DERWENT | OR | OFF | 2005/03/05 14:15 |
| S72 | 1 | ("6171438").PN. | USPAT | OR | OFF | 2005/03/05 14:20 |
| S73 | 1 | ("5300460").PN. | USPAT | OR | OFF | 2005/03/05 14:21 |
| S74 | 29 | ("5300460").URPN. | USPAT | OR | OFF | 2005/03/05 14:20 |
| S75 | 1 | ("5300460").PN. | DERWENT | OR | OFF | 2005/03/05 14:29 |
| S76 | 1 | 1992-042986.NRAN. | DERWENT | OR | OFF | 2005/03/05 14:21 |
| S77 | 1 | "20030102087" | US-PGPUB | OR | OFF | 2005/03/05 14:33 |
| S79 | 123 | S65 and ((power frequenc\$3) with (vhf uhf)) | USPAT | OR | ON | 2005/03/05 14:47 |
| S81 | 1260 | magnet\$2 and ((power frequenc\$3) with (vhf uhf)) | USPAT | OR | ON | 2005/03/05 14:47 |
| S82 | 83 | S65 and S81 | USPAT | OR | ON | 2005/03/05 17:17 |
| S83 | 1 | ("5252178").PN. | USPAT | OR | OFF | 2005/03/05 14:57 |
| S84 | 1 | "6433297" | DERWENT | OR | ON | 2005/03/05 17:21 |
| S85 | 1 | 2001-053204.NRAN. | DERWENT | OR | OFF | 2005/03/05 17:17 |
| S86 | 5 | ("4579618" "5900103" "6089181" "6110287" "6153068").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/05 17:18 |
| S87 | 1 | "6433297" | USPAT | OR | ON | 2005/03/05 17:21 |
| S89 | 2 | "09186141" | JPO; DERWENT | OR | OFF | 2005/03/07 06:41 |
| S90 | 3 | "06037054" | JPO; DERWENT | OR | OFF | 2005/03/07 06:37 |
| S91 | 2 | "06181187" | JPO; DERWENT | OR | OFF | 2005/03/07 06:41 |
| S92 | 5534 | 118/723\$.ccls. 156/345\$.ccls. | USPAT | OR | OFF | 2005/11/21 20:27 |
| S93 | 2019 | S92 and magnet\$2 | USPAT | OR | OFF | 2005/11/21 21:23 |
| S94 | 168 | S93 and (hassanzadeh.xa. hassanzadeh.xp.) | USPAT | OR | ON | 2005/11/21 20:28 |
| S95 | 60 | S94 and rotat\$4 | USPAT | OR | ON | 2005/11/21 20:54 |
| S96 | 108 | S94 not S95 | USPAT | OR | ON | 2005/11/21 20:54 |
| S97 | 352 | S92 and (magnet\$2 with rotat\$4) | USPAT | OR | ON | 2005/11/21 21:24 |
| S98 | 346 | S92 and (magnet\$2 near20 rotat\$4) | USPAT | OR | ON | 2005/11/21 21:24 |

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|----------|--------|--|------------------------------|----|-----|------------------|
| S10 0 | 333 | S97 not S94 | USPAT | OR | ON | 2005/11/21 21:24 |
| S10 1 | 263 | dipole same multipole | USPAT | OR | ON | 2005/11/22 13:27 |
| S10 2 | 5536 | 118/723\$.ccls. 156/345\$.ccls. | USPAT | OR | OFF | 2005/11/22 13:27 |
| S10 3 | 7 | S101 and S102 | USPAT | OR | ON | 2005/11/22 13:32 |
| S10 4 | 256 | S101 not S103 | USPAT | OR | ON | 2005/11/22 13:32 |
| S10 5 | 1 | "6514377" | DERWENT | OR | OFF | 2005/11/22 13:50 |
| S10 6 | 1 | 2001-312556.NRAN. | DERWENT | OR | OFF | 2005/11/22 13:50 |
| S10 7 | 3 | "6514377" | USPAT | OR | OFF | 2005/11/22 13:51 |
| S10 8 | 4 | ("4950956" "5880034" "6245190" "6514377").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/22 16:52 |
| S10 9 | 1 | ("5874012").PN. | USPAT; USOCR | OR | OFF | 2005/11/22 20:05 |
| S11 0 | 1 | ("5252178").PN. | USPAT; USOCR | OR | OFF | 2005/11/22 20:05 |
| S11 1 | 1 | "2000040695" | JPO | OR | OFF | 2005/11/22 20:06 |
| S11 2 | 24 | (plasma with confin\$5) and (magnet\$2 with (rotat\$3 revolv\$3 spin\$4)) | JPO | OR | OFF | 2005/11/22 20:08 |
| S11 3 | 367423 | h01l021\$.ipc. c23c016\$.ipc. | JPO | OR | OFF | 2005/11/22 20:08 |
| S11 4 | 879509 | h01l021\$.ipc. c23c016\$.ipc. | JPO; DERWENT | OR | OFF | 2005/11/22 20:08 |
| S11 5 | 55 | (plasma with confin\$5) and (magnet\$2 with (rotat\$3 revolv\$3 spin\$4)) | JPO; DERWENT | OR | OFF | 2005/11/22 20:15 |
| S11 6 | 22 | S114 and S115 | JPO; DERWENT | OR | OFF | 2005/11/22 20:09 |
| S11 7 | 39 | (plasma with confin\$5) same (magnet\$2 with (rotat\$3 revolv\$3 spin\$4)) | JPO; DERWENT | OR | ON | 2005/11/22 20:15 |
| S11 8 | 114 | (plasma with confin\$5) same (magnet\$2 with (rotat\$3 revolv\$3 spin\$4)) | USPAT | OR | ON | 2005/11/22 20:15 |
| S11 9 | 5536 | 118/723\$.ccls. 156/345\$.ccls. | USPAT | OR | OFF | 2005/11/22 20:15 |

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| S12 0 | 18 | S118 and S119 | USPAT | OR | ON | 2005/11/22 20:16 |
| S12 1 | 2948 | magnet\$2 with (ring annul\$2) with (segment\$3 divid\$3 plural\$3 multipl\$5) | JPO; DERWENT | OR | ON | 2006/07/21 21:59 |
| S12 2 | 907453 | h011021\$.ipc. c23c016\$.ipc. | JPO; DERWENT | OR | OFF | 2006/07/21 21:47 |
| S12 3 | 98 | S121 and S122 | JPO; DERWENT | OR | ON | 2006/07/21 21:47 |
| S12 4 | 6476 | magnet\$2 with (ring annul\$2) with (segment\$3 divid\$3 plural\$3 multipl\$5) | USPAT | OR | ON | 2006/07/21 22:00 |
| S12 5 | 1998 | magnet\$2 with (ring annul\$2) with (segment\$3 divid\$3 plural\$3 multipl\$5) | US-PGPUB | OR | ON | 2006/07/21 22:00 |
| S12 6 | 5706 | 118/723\$.ccls. 156/345\$.ccls. | USPAT | OR | ON | 2006/07/21 22:00 |
| S12 7 | 99 | S126 and S124 | USPAT | OR | ON | 2006/07/21 22:01 |
| S12 8 | 2696 | 118/723\$.ccls. 156/345\$.ccls. | US-PGPUB | OR | ON | 2006/07/21 22:01 |
| S13 0 | 69 | S125 and S128 | US-PGPUB | OR | ON | 2006/07/21 22:10 |
| S13 1 | 1 | "07197255" | JPO | OR | OFF | 2006/07/22 18:21 |
| S13 2 | 2308 | ((156/345.43) or (156/345.44) or (156/345.45) or (156/345.46) or (156/345.47) or (118/723e) or (118/723ma) or (315/111.21)). CCLS. | USPAT; USOCR | OR | OFF | 2006/07/22 18:26 |
| S13 3 | 53 | S132 not @pd<="20051101" | USPAT | OR | OFF | 2007/04/28 16:05 |
| S13 4 | 1 | "10154597" | JPO | OR | OFF | 2006/07/22 18:39 |
| S13 5 | 2388 | ((156/345.43) or (156/345.44) or (156/345.45) or (156/345.46) or (156/345.47) or (118/723e) or (118/723ma) or (315/111.21)). CCLS. | USPAT; USOCR | OR | OFF | 2007/04/28 16:05 |
| S13 6 | 83 | S135 not @pd<="20060701" | USPAT | OR | OFF | 2007/04/28 16:05 |
| S14 0 | 1560 | ((118/723e) or (156/345.43) or (156/345.44) or (156/345.45) or (156/345.46) or (156/345.47)). CCLS. | USPAT; USOCR | OR | OFF | 2007/12/10 10:44 |

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| S14 2 | 391310 | (first high\$3) with (second low\$3) with (power frequenc\$3) | USPAT | OR | ON | 2007/12/10 10:45 |
| S14 4 | 731 | S140 and S142 | USPAT | OR | ON | 2007/12/10 10:59 |
| S14 5 | 1 | ("6089181").PN. | DERWENT | OR | OFF | 2007/12/10 11:01 |
| S14 6 | 1 | 1998-185471.NRAN. | DERWENT | OR | OFF | 2007/12/10 11:08 |
| S14 7 | 1 | "10041281" | JPO | OR | OFF | 2007/12/10 11:11 |
| S14 8 | 2 | ("6110287").PN. | DERWENT | OR | OFF | 2007/12/10 11:11 |
| S14 9 | 1 | 1995-058052.NRAN. | DERWENT | OR | OFF | 2007/12/10 11:14 |
| S15 0 | 1 | "06338476" | JPO | OR | OFF | 2007/12/10 11:19 |
| S15 1 | 2 | ((("6433297") or ("6089181"))).PN. | USPAT; USOCR | OR | OFF | 2007/12/10 11:23 |
| S15 2 | 1 | ("5565036").PN. | USPAT; USOCR | OR | OFF | 2007/12/10 11:23 |
| S15 3 | 1 | ("6073577").PN. | USPAT | OR | OFF | 2007/12/17 16:57 |
| S15 4 | 1 | "20010031557" | US-PGPUB | OR | OFF | 2007/12/17 16:58 |
| S15 6 | 3 | ((("5444207") or ("6514377") or ("5252178"))).PN. | USPAT; USOCR | OR | OFF | 2007/12/30 19:51 |
| S15 7 | 1 | "20030192857" | US-PGPUB | OR | OFF | 2007/12/30 18:47 |
| S15 8 | 2 | "06181187" | JPO; DERWENT | OR | OFF | 2007/12/30 19:34 |
| S15 9 | 1 | ("4947085").PN. | USPAT; USOCR | OR | OFF | 2007/12/30 19:36 |
| S16 0 | 2 | "2001338912" | JPO; DERWENT | OR | OFF | 2007/12/30 19:37 |
| S16 1 | 3 | "2002043234" | JPO; DERWENT | OR | OFF | 2007/12/30 20:05 |
| S16 2 | 2 | "08264513" | JPO; DERWENT | OR | OFF | 2007/12/30 19:45 |
| S16 3 | 2 | "03190127" | JPO; DERWENT | OR | OFF | 2007/12/30 19:55 |
| S16 4 | 1 | ("6514377").PN. | DERWENT | OR | OFF | 2007/12/30 19:51 |
| S16 5 | 1 | 2001-312556.NRAN. | DERWENT | OR | OFF | 2007/12/30 19:51 |

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|----------|--------|--|-----------------|----|-----|------------------|
| S16 6 | 1 | "2001077095" | JPO | OR | OFF | 2007/12/30 19:58 |
| S16 7 | 2 | "06181187" | JPO; DERWENT | OR | OFF | 2007/12/30 20:06 |
| S16 8 | 2 | ((("5444207") or ("5252178"))).PN. | USPAT; USOCR | OR | OFF | 2007/12/30 20:20 |
| S16 9 | 1 | ("6514377").PN. | USPAT; USOCR | OR | OFF | 2007/12/30 20:42 |
| S17 0 | 148 | (156/345.46).CCLS. | USPAT | OR | OFF | 2007/12/30 20:50 |
| S17 1 | 140 | S170 and (mov\$3 vertical up down gap elevat\$3 lift\$3) | USPAT | OR | ON | 2007/12/30 20:50 |
| S17 2 | 137 | S170 and (mov\$3 vertical up down elevat\$3 lift\$3) | USPAT | OR | ON | 2007/12/30 20:50 |
| S17 3 | 991697 | h01I021\$.ipc. c23c016\$.ipc. | JPO; DERWENT | OR | OFF | 2007/12/30 20:55 |
| S17 4 | 183873 | S173 and (electrode cathode anode) | JPO; DERWENT | OR | ON | 2007/12/30 20:55 |
| S17 5 | 442 | S174 and ((mov\$3 vertical up down elevat\$3 lift\$3) with magnet\$2) | JPO; DERWENT | OR | ON | 2007/12/30 20:55 |